

April 14, 2026

Mr. Chris Ware  
J R Simplot Company  
PO Box 128  
Helm, CA 93627

**Re: Notice of Final Action – Title V Permit Renewal**  
**Facility Number: C-705**  
**Project Number: C-1252652**

Dear Mr. Ware:

The District has issued the Final Renewed Title V Permit for J R Simplot Company (see enclosure). The preliminary decision for this project was made on February 26, 2026. No comments were received from the public subsequent to the District's preliminary decision for this project. No comments were received from the EPA subsequent to the District's preliminary decision for this project.

The public notice for issuance of the Final Title V Permit will be posted on the District's website ([ww2.valleyair.org](http://ww2.valleyair.org)).

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Errol Villegas, Permit Services Manager, at (559) 230-6000.

Sincerely,



Brian Clements  
Director of Permit Services

Enclosures

cc: Courtney Graham, CARB (w/enclosure) via email  
cc: EPA Region 9 Air Permitting Manager (w/enclosure) via EPS

**Samir Sheikh**  
Executive Director/Air Pollution Control Officer

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**Northern Region**  
4800 Enterprise Way  
Modesto, CA 95356-8718  
Tel: (209) 557-6400 FAX: (209) 557-6475

**Central Region (Main Office)**  
1990 E. Gettysburg Avenue  
Fresno, CA 93726-0244  
Tel: (559) 230-6000 FAX: (559) 230-6061

**Southern Region**  
34946 Flyover Court  
Bakersfield, CA 93308-9725  
Tel: (661) 392-5500 FAX: (661) 392-5585

# San Joaquin Valley Air Pollution Control District

**FACILITY:** C-705-0-5

**EXPIRATION DATE:** 11/30/2030

## **FACILITY-WIDE REQUIREMENTS**

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1. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100]
2. The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100]
3. The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160] Federally Enforceable Through Title V Permit
4. Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020 (12/18/2014). [District Rules 2010 and 2020] Federally Enforceable Through Title V Permit
5. The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.8.1 and 9.13.1] Federally Enforceable Through Title V Permit
6. A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031] Federally Enforceable Through Title V Permit
7. Every application for a permit required under Rule 2010 (12/17/92) shall be filed in a manner and form prescribed by the District. [District Rule 2040]
8. The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.4.1] Federally Enforceable Through Title V Permit
9. The operator shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, or report. Support information includes copies of all reports required by the permit and, for continuous monitoring instrumentation, all calibration and maintenance records and all original strip-chart recordings. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
10. The operator shall submit reports of any required monitoring at least every six months unless a different frequency is required by an applicable requirement. All instances of deviations from permit requirements must be clearly identified in such reports. [District Rule 2520, 9.5.1] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate. Any amendments to these Facility-wide Requirements that affect specific Permit Units may constitute modification of those Permit Units.

11. Deviations from permit conditions must be promptly reported, including deviations attributable to upset conditions, as defined in the permit. For the purpose of this condition, promptly means as soon as reasonably possible, but no later than 10 days after detection. The report shall include the probable cause of such deviations, and any corrective actions or preventive measures taken. All required reports must be certified by a responsible official consistent with section 10.0 of District Rule 2520 (6/20/24). [District Rules 1100 and 2520] Federally Enforceable Through Title V Permit
12. If for any reason a permit requirement or condition is being challenged for its constitutionality or validity by a court of competent jurisdiction, the outcome of such challenge shall not affect or invalidate the remainder of the conditions or requirements in that permit. [District Rule 2520, 9.7] Federally Enforceable Through Title V Permit
13. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. [District Rule 2520, 9.8.2] Federally Enforceable Through Title V Permit
14. The permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [District Rule 2520, 9.8.3] Federally Enforceable Through Title V Permit
15. The permit does not convey any property rights of any sort, or any exclusive privilege. [District Rule 2520, 9.8.4] Federally Enforceable Through Title V Permit
16. The Permittee shall furnish to the District, within a reasonable time, any information that the District may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the District copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to EPA along with a claim of confidentiality. [District Rule 2520, 9.8.5] Federally Enforceable Through Title V Permit
17. The permittee shall pay annual permit fees and other applicable fees as prescribed in Regulation III of the District Rules and Regulations. [District Rule 2520, 9.9] Federally Enforceable Through Title V Permit
18. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 2520, 9.13.2.1] Federally Enforceable Through Title V Permit
19. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 2520, 9.13.2.2] Federally Enforceable Through Title V Permit
20. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to inspect at reasonable times any facilities, equipment, practices, or operations regulated or required under the permit. [District Rule 2520, 9.13.2.3] Federally Enforceable Through Title V Permit
21. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [District Rule 2520, 9.13.2.4] Federally Enforceable Through Title V Permit
22. No air contaminants shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker than Ringelmann #1 or equivalent to 20% opacity and greater, unless specifically exempted by District Rule 4101 (02/17/05). If the equipment or operation is subject to a more stringent visible emission standard as prescribed in a permit condition, the more stringent visible emission limit shall supersede this condition. [District Rule 4101, and County Rules 401 (in all eight counties in the San Joaquin Valley)] Federally Enforceable Through Title V Permit
23. No person shall manufacture, blend, repackage, supply, market, sell, solicit or apply any architectural coating or colorant with a VOC content in excess of the applicable limits specified in Table 1 (Coatings) and Table 2 (Colorants) of District Rule 4601 (4/16/20), unless exempted under section 4.0 of District Rule 4601 (4/16/20). [District Rule 4601] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

24. All VOC-containing materials subject to Rule 4601 (4/16/20) shall be stored in closed containers when not in use. [District Rule 4601] Federally Enforceable Through Title V Permit
25. The permittee shall comply with all the Labeling and Test Methods requirements outlined in Rule 4601 sections 6.1 and 6.3 (4/16/20). [District Rule 4601] Federally Enforceable Through Title V Permit
26. With each report or document submitted under a permit requirement or a request for information by the District or EPA, the permittee shall include a certification of truth, accuracy, and completeness by a responsible official. [District Rule 2520, 9.13.1 and 10.0] Federally Enforceable Through Title V Permit
27. If the permittee performs maintenance on, or services, repairs, or disposes of appliances, the permittee shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR Part 82, Subpart F. [40 CFR 82 Subpart F] Federally Enforceable Through Title V Permit
28. If the permittee performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR Part 82, Subpart B. [40 CFR Part 82, Subpart B] Federally Enforceable Through Title V Permit
29. Disturbances of soil related to any construction, demolition, excavation, extraction, or other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 unless specifically exempted under Section 4.0 of Rule 8021 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8021] Federally Enforceable Through Title V Permit
30. Outdoor handling, storage and transport of any bulk material which emits dust shall comply with the requirements of District Rule 8031, unless specifically exempted under Section 4.0 of Rule 8031 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8031] Federally Enforceable Through Title V Permit
31. An owner/operator shall prevent or cleanup any carryout or trackout in accordance with the requirements of District Rule 8041 Section 5.0, unless specifically exempted under Section 4.0 of Rule 8041 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8041] Federally Enforceable Through Title V Permit
32. Whenever open areas are disturbed, or vehicles are used in open areas, the facility shall comply with the requirements of Section 5.0 of District Rule 8051, unless specifically exempted under Section 4.0 of Rule 8051 (9/21/2023) or Rule 8011 (8/19/2004). [District Rules 8011 and 8051] Federally Enforceable Through Title V Permit
33. Any paved road or unpaved road shall comply with the requirements of District Rule 8061 unless specifically exempted under Section 4.0 of Rule 8061 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8061] Federally Enforceable Through Title V Permit
34. Any unpaved vehicle/equipment area that anticipates more than 50 Average annual daily Trips (AADT) shall comply with the requirements of Section 5.1.1 of District Rule 8071. Any unpaved vehicle/equipment area that anticipates more than 150 vehicle trips per day (VDT) shall comply with the requirements of Section 5.1.2 of District Rule 8071. On each day that 25 or more VDT with 3 or more axles will occur on an unpaved vehicle/equipment traffic area, the owner/operator shall comply with the requirements of Section 5.1.3 of District Rule 8071. On each day when a special event will result in 1,000 or more vehicles that will travel/park on an unpaved area, the owner/operator shall comply with the requirements of Section 5.1.4 of District Rule 8071. All sources shall comply with the requirements of Section 5.0 of District Rule 8071 unless specifically exempted under Section 4.0 of Rule 8071 (9/16/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8071] Federally Enforceable Through Title V Permit
35. Any owner or operator of a demolition or renovation activity, as defined in 40 CFR 61.141, shall comply with the applicable inspection, notification, removal, and disposal procedures for asbestos containing materials as specified in 40 CFR 61.145 (Standard for Demolition and Renovation). [40 CFR 61 Subpart M] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE  
These terms and conditions are part of the Facility-wide Permit to Operate.

36. The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.16] Federally Enforceable Through Title V Permit
37. The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2] Federally Enforceable Through Title V Permit
38. When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permits shall apply. [District Rule 2520, 9.1.1] Federally Enforceable Through Title V Permit
39. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following outdated SIP requirements: Rule 401 (Madera, Fresno, Kern, Kings, San Joaquin, Stanislaus, Tulare and Merced) and Rule 202 (Fresno, Kern, Tulare, Kings, Madera, Stanislaus, Merced, San Joaquin). A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit
40. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following applicable requirements: SJVUAPCD Rules 2010, sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (2/17/05); 8021 (8/19/2004); 8031 (8/19/2004); 8041 (8/19/2004); 8061 (8/19/2004); and 8071 (9/16/2004). A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit
41. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
42. This facility is subject to 40 CFR Part 68. The facility shall submit a risk management plan (RMP) and all other required documentation to the appropriate agencies by the dates specified in 40 CFR 68. The facility shall certify compliance with these requirements as part of the annual compliance certification as required by 40 CFR Part 70. [40 CFR 68] Federally Enforceable Through Title V Permit
43. On October 6, 2000, the initial Title V permit was issued. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report begin January 1 of every year, unless alternative dates are approved by the District Compliance Division. These reports are due within 30 days after the end of the reporting period. [District Rule 2520] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-705-1-12

**EXPIRATION DATE:** 11/30/2030

**EQUIPMENT DESCRIPTION:**

71.4 MMBTU/HR UNION IRON WORKS MODEL SPG-50-FS NATURAL GAS FIRED BOILER WITH LOW-NOX BURNER AND SELECTIVE CATALYTIC REDUCTION (SCR) SYSTEM AND FLUE GAS RECIRCULATION (FGR) SYSTEM

## PERMIT UNIT REQUIREMENTS

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1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
2. This unit shall be fired exclusively on PUC quality natural gas. [District Rules 2201 and 4320] Federally Enforceable Through Title V Permit
3. NOx emissions shall not exceed 5 ppmv @ 3% O2. [District Rules 2201, 4305, 4306, 4320, and 4351] Federally Enforceable Through Title V Permit
4. CO emissions shall not exceed 200 ppmv @ 3% O2. [District Rules 2201, 4305, 4306, 4320, and 4351] Federally Enforceable Through Title V Permit
5. Ammonia emissions shall not exceed 10 ppmv @ 3% O2. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Emissions shall not exceed any of the following limits: 0.0076 lb-PM10/MMBtu, 0.0006 lb-SOx/MMBtu, or 0.0055 lb-VOC/MMBtu. [District Rules 2201, 4305, 4306, 4320, and 4351] Federally Enforceable Through Title V Permit
7. The maximum heat input to the unit shall not exceed 9 billion Btu per calendar year. [District Rules 4305, 4306, 4320, and 4351] Federally Enforceable Through Title V Permit
8. Owner/operator shall install and maintain a non-resettable, totalizing mass or volumetric flow meter in each fuel line to each unit, or shall install a master meter which measures fuel to all units in a group of similar units. [District Rules 4305, 4306, 4320, and 4351] Federally Enforceable Through Title V Permit
9. Particulate matter emissions shall not exceed 0.1 grain/dscf at operating conditions, nor 0.1 grain/dscf calculated to 12% CO2, nor 10 lb/hr. [District Rules 4201 and 4301] Federally Enforceable Through Title V Permit
10. Nitrogen oxide (NOx) emissions shall not exceed 140 lb/hr. [District Rule 4301] Federally Enforceable Through Title V Permit
11. Emissions of sulfur compounds from this unit shall not exceed 200 lb per hour, calculated as SO2. [District Rule 4301] Federally Enforceable Through Title V Permit
12. Sulfur compound emissions shall not exceed 0.2% by volume, 2,000 ppmv, on a dry basis averaged over 15 consecutive minutes. To demonstrate compliance with this requirement, the unit shall be fired on PUC-quality natural gas or on natural gas with sulfur content not exceeding 4.2% by weight. [District Rule 4801 and County Rule 406 (Fresno)] Federally Enforceable Through Title V Permit
13. If the unit is fired on noncertified gaseous fuel and compliance with SOx emission limits is achieved through fuel sulfur content limitations, then the sulfur content of the gaseous fuel being fired in the unit shall be determined using ASTM D 1072, D 3031, D 4084, D 3246 or grab sample analysis by GC-FPD/TCD performed in the laboratory. [District Rule 2520] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

14. When determining sulfur emissions by fuel analysis, each fuel source shall be tested weekly for sulfur content and higher heating value. If compliance with the fuel sulfur content limit and sulfur emission limits has been demonstrated for 8 consecutive weeks for a fuel source, then the fuel testing frequency shall be semi-annually. If a semi-annual fuel content source test fails, weekly testing shall resume. [District Rule 2520] Federally Enforceable Through Title V Permit
15. Permittee shall determine sulfur content of combusted gas annually or shall demonstrate that the combusted gas is provided from a PUC or FERC regulated source. [District Rules 1081 and 4320] Federally Enforceable Through Title V Permit
16. If the unit is fired on PUC-regulated natural gas, then the operator shall maintain copies of fuel invoices and supplier certification of fuel sulfur content. [District Rule 2520] Federally Enforceable Through Title V Permit
17. Source testing to measure NO<sub>x</sub>, CO, and NH<sub>3</sub> emissions from this unit while fired on natural gas shall be conducted at least once every twelve (12) months. After demonstrating compliance on two (2) consecutive annual source tests, the unit shall be tested not less than once every thirty-six (36) months. If the result of the 36-month source test demonstrates that the unit does not meet the applicable emission limits, the source testing frequency shall revert to at least once every twelve (12) months. [District Rules 2201, 4305, 4306, 4320, and 4351] Federally Enforceable Through Title V Permit
18. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit
19. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
20. The source test plan shall identify which basis (ppmvd or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305, 4306, 4320, and 4351] Federally Enforceable Through Title V Permit
21. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4320. [District Rules 4305, 4306, 4320, and 4351] Federally Enforceable Through Title V Permit
22. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rules 4305, 4306, 4320, and 4351] Federally Enforceable Through Title V Permit
23. NO<sub>x</sub> emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis, or EPA Method 19 on a heat input basis or an alternative method approved by EPA and the APCO as per 40 CFR 60.8(b). [District Rules 4305, 4306, 4320, and 4351] Federally Enforceable Through Title V Permit
24. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100 or an alternative method approved by EPA and the APCO as per 40 CFR 60.8(b). [District Rules 4305, 4306, 4320, and 4351] Federally Enforceable Through Title V Permit
25. Stack gas oxygen (O<sub>2</sub>) shall be determined using EPA Method 3 or 3A or ARB Method 100 or an alternative method approved by EPA and the APCO as per 40 CFR 60.8(b). [District Rules 4305, 4306, 4320, and 4351] Federally Enforceable Through Title V Permit
26. Source testing for ammonia slip shall be conducted utilizing BAAQMD Method ST-1B or an alternative method approved by EPA and the APCO as per 40 CFR 60.8(b). [District Rule 1081] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

27. The permittee shall monitor and record the stack concentration of NO<sub>x</sub>, CO, NH<sub>3</sub> and O<sub>2</sub> at least once during each month in which source testing is not performed. NO<sub>x</sub>, CO and O<sub>2</sub> monitoring shall be conducted utilizing a portable analyzer that meets District specifications. NH<sub>3</sub> monitoring shall be conducted utilizing Draeger tubes or a District approved equivalent method. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless it has been performed within the last month. [District Rules 4305, 4306, 4320, and 4351] Federally Enforceable Through Title V Permit
28. If the NO<sub>x</sub>, CO or NH<sub>3</sub> concentrations, as measured by the portable analyzer or the District approved ammonia monitoring equipment, exceed the permitted levels the permittee shall return the emissions to compliant levels as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer or the ammonia monitoring equipment continue to show emission limit violations after 1 hour of operation following detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation that is subject to enforcement action has occurred. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rules 4305, 4306, 4320, and 4351] Federally Enforceable Through Title V Permit
29. All NO<sub>x</sub>, CO, O<sub>2</sub> and ammonia emission readings shall be taken with the unit operating at conditions representative of normal operation or under the conditions specified in the Permit to Operate. The NO<sub>x</sub>, CO and O<sub>2</sub> analyzer as well as the NH<sub>3</sub> emission monitoring equipment shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Analyzer readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five readings, evenly spaced out over the 15 consecutive-minute period. [District Rules 4305, 4306, 4320, and 4351] Federally Enforceable Through Title V Permit
30. Ammonia emission readings shall be conducted at the time the NO<sub>x</sub>, CO and O<sub>2</sub> readings are taken. The readings shall be converted to ppmvd @ 3% O<sub>2</sub>. [District Rules 4305, 4306, 4320, and 4351] Federally Enforceable Through Title V Permit
31. The permittee shall monitor, at least on a monthly basis, the operational characteristics recommended by the unit manufacturer, e.g. the amount of water use, the amount of unit blow down, the exhaust stack temperature, or other characteristics recommended by the unit manufacturer. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 day of restarting the unit unless monitoring has been performed within the last month. [District Rules 4305, 4306, 4320, and 4351] Federally Enforceable Through Title V Permit
32. The permittee shall maintain records of: (1) the date and time of NO<sub>x</sub>, CO, NH<sub>3</sub> and O<sub>2</sub> measurements, (2) the O<sub>2</sub> concentration in percent by volume and the measured NO<sub>x</sub>, CO and NH<sub>3</sub> concentrations corrected to 3% O<sub>2</sub>, (3) make and model of the portable analyzer, (4) portable analyzer calibration records, (5) the method of determining the NH<sub>3</sub> emission concentration, and (6) a description of any corrective action taken to maintain the emissions at or below the acceptable levels. [District Rules 4305, 4306, 4320, and 4351] Federally Enforceable Through Title V Permit
33. Records of monthly and annual heat input of the unit shall be maintained. [District Rules 4305, 4306, 4320, and 4351 and 40 CFR Part 60.48c(g)(2)] Federally Enforceable Through Title V Permit
34. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 4305, 4306, 4320, and 4351 and 40 CFR Part 60.48c(i)] Federally Enforceable Through Title V Permit
35. This permit does not authorize the violation of any conditions established for this facility in the Conditional Use Permit (CUP), Special Use Permit (SUP), Site Approval, Site Plan Review (SPR), or other approval documents issued by a local, state, or federal agency. [District Rules 2070 and 2080 and Public Resources Code 21000-21177: California Environmental Quality Act]

These terms and conditions are part of the Facility-wide Permit to Operate.

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-705-2-5

**EXPIRATION DATE:** 11/30/2030

**EQUIPMENT DESCRIPTION:**

469 BHP (INTERMITTENT) CATERPILLAR MODEL 3406 DIESEL-FIRED EMERGENCY STANDBY IC ENGINE  
POWERING AN ELECTRICAL GENERATOR

## PERMIT UNIT REQUIREMENTS

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1. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702 and 40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201] Federally Enforceable Through Title V Permit
3. The engine shall be operated with the timing retarded four degrees from the manufacturer's standard recommended timing. [District Rule 2201] Federally Enforceable Through Title V Permit
4. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702, 17 CCR 93115, and 40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
5. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801, and 17 CCR 93115] Federally Enforceable Through Title V Permit
6. This engine shall be operated only for maintenance, testing, and required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 20 hours per calendar year. [District Rule 4702, 17 CCR 93115, and 40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
7. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702] Federally Enforceable Through Title V Permit
8. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702] Federally Enforceable Through Title V Permit
9. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702] Federally Enforceable Through Title V Permit
10. The engine shall be in full compliance with 40 CFR Part 63, Subpart ZZZZ (National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines). [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

11. The permittee shall minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
12. The engine's oil and filter shall be changed every 500 hours of operation or every 12 months + 30 days of the previous change, whichever comes first. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
13. The engine's air filter shall be inspected every 1,000 hours of operation or every 12 months + 30 days of the previous inspection, whichever comes first, and replaced as necessary. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
14. The engine's hoses and belts shall be inspected every 500 hours of operation or every 12 months + 30 days of the previous inspection, whichever comes first, and replaced as necessary. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
15. The permittee has the option of utilizing an oil analysis program in order to extend the oil changing requirement of every 500 hours of operation or every 12 months + 30 days of the previous change, whichever comes first. The oil analysis shall be performed every 500 hours of operation or every 12 months + 30 days of the previous analysis, whichever comes first. The analysis program shall at a minimum analyze the following three parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Base Number is less than 30 percent of the Total Base Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If all of these condemning limits are not exceeded, the engine owner or operator is not required to change the oil. If any of the limits are exceeded, the engine owner or operator shall change the oil within 2 days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the engine owner or operator shall change the oil within 2 days or before commencing operation, whichever is later. The owner or operator shall keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program shall be part of the maintenance plan for the engine. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
16. The permittee shall maintain monthly records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment. The permittee shall also maintain monthly records of action taken during periods of malfunction to minimize emissions in accordance with 40 CFR 63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation. [District Rule 1070 and 40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
17. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.), and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
18. The permittee shall maintain monthly records that include the type of fuel purchased, the amount of fuel purchased, and the date of fuel purchase. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
19. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702, 17 CCR 93115, and 40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-705-3-24

**EXPIRATION DATE:** 11/30/2030

**EQUIPMENT DESCRIPTION:**

NITRIC ACID PLANT CONSISTS OF: ONE AMMONIA VAPORIZER WITH SUPERHEATER, ONE NH<sub>3</sub> TO NO CONVERTER, ONE WASTE HEAT BOILER, ONE TAIL GAS PREHEATER, ONE TAIL GAS HEATER, ONE STEAM TURBINE, ONE AIR COMPRESSOR, ONE NO TO HNO<sub>3</sub> ABSORBER, ONE 6.87 MMBTU/HR NATURAL GAS FIRED CATALYST PREHEATER, ONE NO<sub>2</sub> TO N<sub>2</sub> BUTANE/NATURAL GAS-FIRED COMBUSTOR FOR EMISSIONS, 4 NITRIC ACID STORAGE TANKS, TRUCK LOADING STATION, DRIP PAD SUMPS AND SCRUBBER

## PERMIT UNIT REQUIREMENTS

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1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Permittee shall comply with all applicable source sampling requirements of District Rule 1081. [District Rule 1081] Federally Enforceable Through Title V Permit
3. The exhaust stack shall be equipped with permanent provisions to allow collection of stack gas samples consistent with EPA test methods and shall be equipped with safe permanent provisions to sample stack gases with a portable NO<sub>x</sub> analyzer during District inspections. [District Rule 1081] Federally Enforceable Through Title V Permit
4. NO<sub>x</sub> emissions (expressed as NO<sub>2</sub>), excluding startup, shutdown and malfunction, shall not exceed 2.98 lbs/ton of 100% HNO<sub>3</sub> on a three-hour average as determined by continuous monitor and recording equipment certified to 40 CFR 60, Appendix B Performance Specification 2. [District Rules 1080 and 2201, 40 CFR 60.72(a), and 40 CFR 60.73] Federally Enforceable Through Title V Permit
5. Total NO<sub>x</sub> emissions from this permit unit shall not exceed 834.4 lbs/day. [District Rule 2201] Federally Enforceable Through Title V Permit
6. NO<sub>x</sub> emissions (expressed as NO<sub>2</sub>) shall not exceed 0.78 lbs/ton of 100% HNO<sub>3</sub> on a 12 month rolling average as determined by continuous monitor and recording equipment certified to 40 CFR 60, Appendix B Performance Specification 2, and compliance testing shall be conducted at least once every twelve months utilizing USEPA Method 7 or an alternative method approved by EPA and the APCO as per 40 CFR 60.8(b). [District Rules 1080 and 2201] Federally Enforceable Through Title V Permit
7. Nitric acid production shall not exceed 280 tons-100% HNO<sub>3</sub>/day, calculated on a 12 month rolling average. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Daily emission rates from the nitric acid plant including the butane/natural gas-fired combustor (non-selective catalytic reduction system) and the natural gas-fired catalyst preheater shall not exceed any of the following limits: 0.006 lb-SO<sub>x</sub>/ ton-100% HNO<sub>3</sub>, 0.13 lb-PM<sub>10</sub>/ ton-100% HNO<sub>3</sub>, 52.7 lb-CO/ ton-100% HNO<sub>3</sub>, or 3.19 lb-VOC/ ton-100% HNO<sub>3</sub>. Compliance shall be demonstrated with the firing of approved fuels. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
10. Sulfur compound emissions shall not exceed 0.2% by volume, 2,000 ppmv, on a dry basis averaged over 15 consecutive minutes. [County Rule 406 (Fresno) and District Rule 4801] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

11. Except during periods of startup, shutdown, and malfunction, any gases discharged from this unit shall not exhibit 10% opacity, or greater. [40 CFR 60.11(c) and 40 CFR 60.72(a)] Federally Enforceable Through Title V Permit
12. The owner or operator shall establish a conversion factor for the purpose of converting monitoring data into units of applicable standard (lb/ton of 100% HNO<sub>3</sub> produced). The conversion factor shall be obtained according to procedures and methods specified in 40 CFR 60.73(b) and shall be reestablished during any performance test under 40 CFR 60.8 or any continuous emission monitoring system performance evaluation under 40 CFR 60.13(c). [40 CFR 60.73(b)] Federally Enforceable Through Title V Permit
13. Compliance demonstration (source testing) shall be witnessed or authorized by the District and the samples shall be collected by a California Air Resources Board certified testing laboratory. The District must be notified 30 days prior to any compliance source test, and a source test plan must be submitted for approval 15 days prior to testing. The results of each source test shall be submitted to the District within 60 days of source testing. [District Rule 1081] Federally Enforceable Through Title V Permit
14. The owner or operator shall certify, maintain, operate, and quality-assure a Continuous Emission Monitoring System (CEMS) which continuously measures and records the exhaust gas NO<sub>x</sub> concentrations during startups and shutdowns, as well as during normal operating conditions. The CEMS shall meet requirements in 40 CFR Part 60, Appendix B Performance Specification 2 or equivalent specifications established by mutual agreement of District, ARB, and the EPA. [District Rules 1080 and 2201] Federally Enforceable Through Title V Permit
15. The owner/operator shall perform a relative accuracy test as specified by 40 CFR Part 60, Appendix B, at least once every four calendar quarters. The permittee shall comply with the applicable requirements for quality assurance testing and maintenance of the continuous emission monitor equipment in accordance with the procedures and guidance specified in 40 CFR Part 60, Appendix B. [District Rule 1080] Federally Enforceable Through Title V Permit
16. When the plant is in operation, the monitoring system shall perform a daily calibration drift test in accordance with 40 CFR 60.13(d). [40 CFR 60.13(d) and 60.73(a)] Federally Enforceable Through Title V Permit
17. When the plant is operating, the CEMS shall complete a minimum of one cycle of operation (sampling, analyzing, and data recording) for each successive 15-minute period. [District Rule 1080 and 40 CFR 60.13(e)(2)] Federally Enforceable Through Title V Permit
18. The facility shall maintain equipment, facilities, and systems compatible with the District's CEM data polling software system and shall make CEM data available to the District's automated polling system on a daily basis. [District Rule 1080] Federally Enforceable Through Title V Permit
19. Upon notice by the District that the facility's CEM system is not providing polling data, the facility may continue to operate without providing automated data for a maximum of 30 days per calendar year provided the CEM data is sent to the District by a District-approved alternative method. [District Rule 1080] Federally Enforceable Through Title V Permit
20. The owner or operator shall submit a written report of CEM operations for each calendar quarter to the APCO. The report is due on the 30th day following the end of the calendar quarter and shall include the following: Time intervals, data and magnitude of excess NO<sub>x</sub> emissions, nature and the cause of excess (if known), corrective actions taken and preventative measures adopted; Averaging period used for data reporting corresponding to the averaging period specified in the emission test period and used to determine compliance with an emissions standard; Applicable time and date of each period during which the CEM was inoperative (monitor downtime), except for zero and span checks, and the nature of system repairs and adjustments; A negative declaration when no excess emissions occurred. [District Rule 1080] Federally Enforceable Through Title V Permit
21. A violation of emission standards of this permit, as shown by the stack-monitoring system, shall be reported to the district within 96 hours. [District Rule 1080] Federally Enforceable Through Title V Permit
22. The operator shall notify the District at least 24 hours prior to the shutting down of monitoring equipment. In the event of breakdown of monitoring equipment, the owner or the operator shall notify the district within 1 hour after the breakdown is detected. Such a notice is not required for any maintenance or QA/QC activity on the system if the operator expects the down time to be less than four hours, but the operator must still report these periods in their quarterly report. [District Rule 1080] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

23. APCO or an authorized representative shall be allowed to inspect, as determined to be necessary, the required monitoring devices to ensure that such devices are functioning properly. [District Rule 1080] Federally Enforceable Through Title V Permit
24. The owner or operator shall maintain CEMS records that contain the following: the occurrence and duration of any start-up, shutdown or malfunction, performance testing, evaluations, calibrations, checks, adjustments, maintenance, duration of any periods during which a continuous monitoring system or monitoring device is inoperative, and emissions measurements. [District Rules 1070 and 1080, and 40 CFR 60.7(b)] Federally Enforceable Through Title V Permit
25. Visible emission inspection shall be performed weekly. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be correct within 24 hours, a visible emissions test using USEPA Method 9 or an alternative method approved by EPA and the APCO as per 40 CFR 60.8(b) shall be conducted. [District Rule 2520] Federally Enforceable Through Title V Permit
26. Permittee shall record daily production rate and emission data. Records shall be retained and provided to the District upon request. [District Rule 2520 and 40 CFR 60.73(c)] Federally Enforceable Through Title V Permit
27. Permittee shall maintain records to demonstrate compliance with the total daily NOx emission limit and the 12 month rolling average NOx emission rate. [District Rule 1070] Federally Enforceable Through Title V Permit
28. Records of the visible emissions inspection shall be maintained, kept, and made available to the District upon request. The record shall at least include equipment description, date and time of inspection, any corrective action taken, and identification of the individual performing an inspection. [District Rule 2520] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-705-4-12

**EXPIRATION DATE:** 11/30/2030

**EQUIPMENT DESCRIPTION:**

CALCIUM AMMONIUM NITRATE (CAN-17) PLANT WITH A SCREW CONVEYOR, DISSOLVER, NEUTRALIZER, 2 SCRUBBERS, SCRUBBER TANK, ENTRAINMENT SEPARATOR, 4 SETTLING TANKS, 2 STORAGE TANKS, SLUDGE TANK AND ASSOCIATED PUMPS

## PERMIT UNIT REQUIREMENTS

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1. Production rate shall be limited to 500 tons of liquid fertilizer solution/day. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Emissions from CAN-17 process shall not exceed any of the following: PM10: 0.004 lb/ton; ammonia: 0.0005 lb/ton; or nitric acid: 0.0039 lb/ton. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Scrubber sprays and/or nozzles shall be maintained in optimum working condition. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Fan air pressure shall be maintained at a minimum of 10 inches of water column to sufficiently pull fumes from the dissolver and neutralizer to the primary scrubber. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Primary scrubber shall be equipped with a manometer to measure the relative gauge pressure inside the vessel. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Daily records of liquid fertilizer solution production shall be maintained on site and shall be made available for District inspection upon request. [District Rule 2520] Federally Enforceable Through Title V Permit
7. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
8. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$ ; P is less than or equal to 30 tons per hour, or  $E = 17.37 \times P^{0.16}$ ; P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit
9. Visible emissions shall be inspected quarterly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 or an alternative method approved by EPA and the APCO as per 40 CFR 60.8(b), shall be conducted. [District Rule 2520] Federally Enforceable Through Title V Permit
10. Weekly records of pressure drop across the scrubbers and the flow rate of scrubber liquid shall be maintained and kept on the premises at all times. Operator shall perform weekly visual qualitative check to make sure that the scrubber liquid is adequately maintained. [District Rule 2520] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-705-5-11

**EXPIRATION DATE:** 11/30/2030

**EQUIPMENT DESCRIPTION:**

LIQUID AMMONIUM PHOSPHATE (10-34-0) UNIT INCLUDING REACTOR VESSEL, SECONDARY SCRUBBER, CENTRIFUGAL FAN, HEAT EXCHANGERS, FOUR STORAGE TANKS, AND ASSOCIATED PUMPS

## PERMIT UNIT REQUIREMENTS

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1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
3. Scrubber sprays and/or nozzles shall be maintained in optimum working condition. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Primary scrubber sprays shall have a minimum water flow rate of 5 gallon per minute and a minimum recirculation flow rate of 200 gallon per minute during unit operation. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Secondary scrubber sprays shall have a minimum product flow rate of 50 gallon per minute during unit operation. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Cooling tower water circulation rate shall not exceed 5,000 gallon per minute. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Production rate shall be limited to 600 tons per day or 120,000 tons per year of liquid fertilizer solution. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Emissions from the liquid ammonium phosphate fertilizer operation shall not exceed 0.001 lb-PM10 per ton of liquid fertilizer solution produced. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Daily records of liquid fertilizer solution produced shall be maintained in order to verify compliance with the production rate limit. [District Rules 2201 and 2520] Federally Enforceable Through Title V Permit
10. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$ ; P is less than or equal to 30 tons per hour, or  $E = 17.37 \times P^{0.16}$ ; P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit
11. Weekly records of the flow rates of scrubber liquids shall be maintained and kept on the premises at all times. Operator shall perform weekly visual qualitative check to make sure that the scrubber liquid is adequately maintained. [District Rule 2520] Federally Enforceable Through Title V Permit
12. Visible emissions shall be inspected quarterly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 or an alternative method approved by EPA and the APCO as per 40 CFR 60.8(b) shall be conducted. [District Rule 2520] Federally Enforceable Through Title V Permit

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# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-705-6-5

**EXPIRATION DATE:** 11/30/2030

**EQUIPMENT DESCRIPTION:**

190.0 HP AMMONIUM NITRATE PLANT INCLUDING AMMONIA VAPORIZER, NEUTRALIZER, SURGE TANK, SCRUBBER, CONDENSER, AND VENT SCRUBBER

## PERMIT UNIT REQUIREMENTS

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1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
3. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$ ; P is less than or equal to 30 tons per hour, or  $E = 17.37 \times P^{0.16}$ ; P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit
4. Daily records of liquid fertilizer solution production and hours of operation shall be maintained on site and shall be made available for District inspection upon request. [District Rule 2520] Federally Enforceable Through Title V Permit
5. Weekly records of the scrubber pump head pressure shall be maintained and kept on the premises at all times. Operator shall perform weekly visual qualitative check to make sure that the scrubber pump head pressure is adequately maintained. [District Rule 2520] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-705-11-7

**EXPIRATION DATE:** 11/30/2030

**EQUIPMENT DESCRIPTION:**

MONOAMMONIUM PHOSPHATE AND AMMONIUM PHOSPHATE DRY FERTILIZER RAILCAR AND TRUCK RECEIVING, UNLOADING, AND STORAGE OPERATION CONSISTING OF A DRAG FLIGHT CONVEYOR, BUCKET ELEVATOR, CONVEYOR BELT, CONVEYOR BELT BRUSH, SHUTTLE CONVEYOR BELT, AND SHUTTLE MOVER, AND TRUCK LOADOUT FROM STORAGE OPERATION CONSISTING OF A DRAG CONVEYOR, BUCKET ELEVATOR, AND TELESCOPING CHUTE, AND RAILCAR TO TRUCK TRANSFER OPERATION CONSISTING OF A SCREW CONVEYOR, INCLINE SCREW CONVEYOR, AND TELESCOPING CHUTE

## PERMIT UNIT REQUIREMENTS

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1. Except for drop points, all railcar and truck unloading into storage building transfer operation conveyor belts, bucket elevator and shuttle mover shall be enclosed. [District Rule 2201] Federally Enforceable Through Title V Permit
2. PM10 emissions from the railcar and truck unloading into storage building transfer operation shall not exceed 0.0084 pounds per ton of dry fertilizer handled. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The maximum throughput for the dry fertilizer handled in the railcar and truck unloading into storage building transfer operation shall not exceed 1,200 tons/day or 42,000 tons in any twelve month period. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Emissions from railcar and truck unloading into storage building transfer operation shall not exceed 30.3 lb-PM10/day. [District Rule 2201] Federally Enforceable Through Title V Permit
5. For a given material process rate (P), particulate matter emissions shall not exceed the hourly rate (E) as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$ , if P is less than or equal to 30 tons per hour; or  $E = 17.31 \times P^{0.16}$ , P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit
6. A daily record of monoammonium and ammonium phosphate throughput shall be maintained, kept, and made available to the District upon request. [District Rules 2201 and 2520] Federally Enforceable Through Title V Permit
7. Enclosures shall be completely inspected annually for evidence of particulate matter leaks and repaired as needed. [District Rules 2201 and 2520] Federally Enforceable Through Title V Permit
8. Records of inspection shall be maintained, kept, and made available to the District upon request. The records shall at least include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rules 2201 and 2520] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-705-12-7

**EXPIRATION DATE:** 11/30/2030

**EQUIPMENT DESCRIPTION:**

AMMONIUM SULFATE AND UREA DRY FERTILIZER UNLOADING, STORAGE, AND LOADING OPERATIONS: PRIMARY UNLOADING OPERATION CONSISTING OF A TRUCK RECEIVING PIT, DRAG FLIGHT CONVEYOR, BUCKET ELEVATOR, AND SHUTTLE CONVEYOR; BACKUP UNLOADING OPERATION CONSISTING OF SEVEN BLOW PIPES; AND LOADOUT OPERATION CONSISTS OF HOPPER, CONDITIONER, BUCKET ELEVATOR, CONVEYORS, AND TELESCOPING TRUCK FILL CHUTE

## PERMIT UNIT REQUIREMENTS

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1. PM10 emissions from this operation shall not exceed 0.0084 pounds per ton of dry fertilizer handled. [District Rule 2201] Federally Enforceable Through Title V Permit
2. The maximum throughput for the dry fertilizer handled at this operation shall not exceed 350 tons in any one day and 50,000 tons in any twelve month period. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Enclosures shall be completely inspected annually for evidence of particulate matter leaks and repaired as needed. [District Rule 2520] Federally Enforceable Through Title V Permit
4. Records of inspection shall be maintained, kept, and made available to the District upon request. the record shall at least include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520] Federally Enforceable Through Title V Permit
5. Permittee shall maintain daily and annual records of the dry fertilizer handled at this operation. [District Rule 2201] Federally Enforceable Through Title V Permit
6. All records shall be maintained and retained on-site for a period of at least 5 years and shall be made available for District inspection upon request. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-705-13-5

**EXPIRATION DATE:** 11/30/2030

**EQUIPMENT DESCRIPTION:**

72.5 HP UREA UNLOADING SHED INCLUDING RECEIVING HOPPER, ENCLOSED SCREW CONVEYOR, ENCLOSED BUCKET ELEVATOR, AIR SPARGED DAY TANK, AND ASSOCIATED PUMPS AND BLOWER

## PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$ ; P is less than or equal to 30 tons per hour, or  $E = 17.37 \times P^{0.16}$ ; P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit
2. A daily throughput of urea shall be recorded, maintained, and made available to the District upon request. [District Rule 2520] Federally Enforceable Through Title V Permit
3. Enclosures shall be completely inspected annually for evidence of particulate matter leaks and repaired as needed. [District Rule 2520] Federally Enforceable Through Title V Permit
4. Records of inspection shall be maintained, kept, and made available to the District upon request. the record shall at least include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-705-14-7

**EXPIRATION DATE:** 11/30/2030

**EQUIPMENT DESCRIPTION:**

1,200 BHP (INTERMITTENT) DETROIT DIESEL MODEL R163-7K35 (16 V-2000) TIER 1 CERTIFIED DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR

## PERMIT UNIT REQUIREMENTS

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1. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702 and 40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration at the point of discharge. [District Rule 4201] Federally Enforceable Through Title V Permit
3. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
4. This engine shall be equipped with either a positive crankcase ventilation (PCV) system that recirculates crankcase emissions into the air intake system for combustion, or a crankcase emissions control device of at least 90% control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
5. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702, 17 CCR 93115, and 40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
6. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801, and 17 CCR 93115] Federally Enforceable Through Title V Permit
7. Emissions from this IC engine shall not exceed any of the following limits: 6.86 g-NOx/bhp-hr, 8.50 g-CO/bhp-hr, or 0.97 g-VOC/bhp-hr. [District Rule 2201, 13 CCR 2423, and 17 CCR 93115] Federally Enforceable Through Title V Permit
8. Emissions from this IC engine shall not exceed 1.49 g-PM10/bhp-hr based on USEPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102, 13 CCR 2423, and 17 CCR 93115] Federally Enforceable Through Title V Permit
9. This engine shall be operated only for maintenance, testing, and required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 20 hours per calendar year. [District Rule 4702, 17 CCR 93115, and 40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
10. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702] Federally Enforceable Through Title V Permit
11. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

12. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702] Federally Enforceable Through Title V Permit
13. The engine shall be in full compliance with 40 CFR Part 63, Subpart ZZZZ (National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines). [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
14. The permittee shall minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
15. The engine's oil and filter shall be changed every 500 hours of operation or every 12 months + 30 days of the previous change, whichever comes first. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
16. The engine's air filter shall be inspected every 1,000 hours of operation or every 12 months + 30 days of the previous inspection, whichever comes first, and replaced as necessary. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
17. The engine's hoses and belts shall be inspected every 500 hours of operation or every 12 months + 30 days of the previous inspection, whichever comes first, and replaced as necessary. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
18. The permittee has the option of utilizing an oil analysis program in order to extend the oil changing requirement of every 500 hours of operation or every 12 months + 30 days of the previous change, whichever comes first. The oil analysis shall be performed every 500 hours of operation or every 12 months + 30 days of the previous analysis, whichever comes first. The analysis program shall at a minimum analyze the following three parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Base Number is less than 30 percent of the Total Base Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If all of these condemning limits are not exceeded, the engine owner or operator is not required to change the oil. If any of the limits are exceeded, the engine owner or operator shall change the oil within 2 days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the engine owner or operator shall change the oil within 2 days or before commencing operation, whichever is later. The owner or operator shall keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program shall be part of the maintenance plan for the engine. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
19. The permittee shall maintain monthly records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment. The permittee shall also maintain monthly records of action taken during periods of malfunction to minimize emissions in accordance with 40 CFR 63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation. [District Rule 1070 and 40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
20. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
21. The permittee shall maintain monthly records that include the type of fuel purchased, the amount of fuel purchased, and the date of fuel purchase. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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22. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702, 17 CCR 93115, and 40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-705-15-4

**EXPIRATION DATE:** 11/30/2030

**EQUIPMENT DESCRIPTION:**

LIMESTONE RECEIVING OPERATION CONSISTING OF A TRUCK UNLOADING SYSTEM WITH A 100 TON LIMESTONE BIN SERVED BY A SMOOT MODEL 60BV36 BIN VENT FILTER AND RAILCAR UNLOADING SYSTEM WITH A COVERED (2 WALLS AND CURTAINS ON ENTRANCE/EXIT) LIMESTONE RECEIVING SHED AND UNDERGROUND SCREW HOPPER AND UNDERGROUND SCREW CONVEYOR, AND ENCLOSED BELT CONVEYOR AND ENCLOSED TRANSFER HOPPER AND PNEUMATIC TRANSFER CONVEYOR AND SILO SERVED BY FLEX-KLEEN MODEL 84-WUD-48-III BAGHOUSE

## PERMIT UNIT REQUIREMENTS

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1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
2. PM10 emissions from the bin vent filter serving the truck unloading operation shall not exceed 0.01 gr/dscf. [District Rule 2201] Federally Enforceable Through Title V Permit
3. PM10 emissions from the baghouse serving the railcar pneumatic conveyance system shall not exceed 0.01 gr/dscf. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The maximum throughput for the railcar unloading shed shall not exceed either of the following limits: 432 tons of material per day or 0.0035 lb PM10/ton of material. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Visible emissions from the railcar unloading shed shall not exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Visible emissions from the exhaust of the bin vent filter serving the truck unloading operation and the baghouse serving the railcar conveyance operations shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$ ; P is less than or equal to 30 tons per hour, or  $E = 17.37 \times P^{0.16}$ ; P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit
8. The bin vent filter and the baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauges shall be maintained in good working condition at all times and shall be located in easily accessible locations. [District Rule 2201] Federally Enforceable Through Title V Permit
9. The bin vent filter and the baghouse shall operate at all times with a minimum differential pressure of 0.2 inches water column and a maximum differential pressure of 5 inches water column. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Differential operating pressure shall be monitored and recorded on each day that the bin vent filter and baghouse operate. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The bin vent filter and baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

12. The bin vent filter and baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Replacement bags numbering at least 10% of the total number of bags in each bin vent filter and baghouse shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
14. Material removed from each bin vent filter and baghouse shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
15. Records of all maintenance of the baghouses, including all change outs of filter media, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
16. Records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-705-17-2

**EXPIRATION DATE:** 11/30/2030

**EQUIPMENT DESCRIPTION:**

175 BHP JOHN DEERE MODEL 6068HFC28 TIER 3 CERTIFIED DIESEL-FIRED EMERGENCY STANDBY IC ENGINE  
POWERING A FIREWATER PUMP

## PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702, 17 CCR 93115, and 40 CFR Part 60 Subpart IIII] Federally Enforceable Through Title V Permit
3. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801, 17 CCR 93115, and 40 CFR Part 60 Subpart IIII] Federally Enforceable Through Title V Permit
4. Emissions from this IC engine shall not exceed any of the following limits: 2.83 g-NOx/bhp-hr, 0.90 g-CO/bhp-hr, or 0.07 g-VOC/bhp-hr as determined by the test method in 40 CFR Part 89, Section E. [District Rule 2201, 17 CCR 93115, and 40 CFR Part 60 Subpart IIII] Federally Enforceable Through Title V Permit
5. Emissions from this IC engine shall not exceed 0.09 g-PM10/bhp-hr based on USEPA certification using ISO 8178 test procedure. [District Rule 2201, 17 CCR 93115, and 40 CFR Part 60 Subpart IIII] Federally Enforceable Through Title V Permit
6. This engine shall be operated and maintained according to the manufacturer's instructions or in a manner consistent with good air pollution control practice for minimizing emissions. If operating and/or maintaining in a manner different from the manufacturer's instructions, a maintenance plan and records of conducted maintenance must be kept and an initial performance test must be conducted to demonstrate compliance with the applicable emissions standards within 1 year from the date first operated and/or maintained in a manner different from the manufacturer's instructions. [40 CFR 60 Subpart IIII] Federally Enforceable Through Title V Permit
7. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702] Federally Enforceable Through Title V Permit
8. This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and during emergency situations. For testing purposes, the engine shall only be operated the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 - "Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems", 1998 edition. Total hours of operation for all maintenance, testing, and required regulatory purposes shall not exceed 100 hours per calendar year. [District Rule 4702, 17 CCR 93115, and 40 CFR Part 60 Subpart IIII] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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9. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, number of hours of all testing and maintenance operations, and the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.). For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
10. The permittee shall maintain monthly records of the type of fuel purchased. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
11. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit

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